

Biological Analysis Report

SO-DIST-2022-11-18-01

Florida DEP Laboratory
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DOH Accreditation E31780

Overflow Analyses Performed By:
Benchmark EnviroAnalytical, Inc. - North Port
1001 Corporate Avenue, Suite 102
North Port, FL 34289
DOH Accreditation E85086

Event Description: **2022 SMP: Peace River**
Request ID: **RQ-2022-11-14-38**
Customer: **SO-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
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Certified by: Cheryl A. Swanson, Program Administrator

Date Certified: 29-DEC-2022 14:27



Case Narrative

Unless otherwise noted, all samples included in this report were received in accordance with protocols referenced in Chapter 62-160, Florida Administrative Code (F.A.C.). Results published in this report pertain only to the samples as submitted to, and received by the laboratory. All times in this report are adjusted to the applicable Eastern Time Zone (EST or EDT).

Results for the following analytical groups are included in this report: Chlorophyll/Grain Size/BOD, Molecular and Overflow.

Scientific notation may be used in reporting very large or small values. Values reported using scientific notation will take the form of the following example: 1.3E+03, which is equivalent to 1.3×10^3 or 1300.

Unless otherwise noted, analytical values for soil and sediment samples are reported on a dry weight basis, and analytical values for waste and tissue samples are reported on a wet weight basis.

Results for TNI accredited tests met requirements established by The NELAC Institute. A double asterisk (**) is used to indicate an analyte/matrix/method for which the laboratory is not TNI accredited by the Florida Department of Health Environmental Laboratory Certification Program or where accreditation for that field of testing is not applicable.

Any significant anomalies or deviations from established protocols are documented in Non-Conformance Reports, which, where appropriate, are included within this analytical report. Additional comments related to specific analytical tests may be included as remarks following the analytical results for each sample. Such comments and remarks are for informational purposes only and are not intended to convey judgement about the usability of the reported data.

A quality control report on the performance of the test method for the submitted samples is included. Uncertainty associated with the analytical results contained in this report can be estimated from the reported quality assurance results and from published quality control acceptance limits for each analytical test. Matrix quality control results (matrix spike recoveries and matrix sample precision) pertain only to the matrix sample tested and do not necessarily reflect test method performance for other samples.

Typical matrix quality control (QC) measurements may include matrix spike recovery, matrix spike duplicate recovery, matrix spike precision and matrix sample precision. Not all matrix QC results may be available or reportable; where they are not an explanation is provided. Typical reasons for unavailable QC results include, but are not limited to, a) insufficient matrix sample to perform some or all QC measurements; b) analyte concentration in the sample replicated was too low for a meaningful measurement of precision and c) analyte concentration in the matrix sample spiked was too high (relative to the amount of analyte spiked) for a meaningful measurement of recovery. Where matrix QC results are unavailable, other method performance metrics (e.g., LCS recovery, LCS precision, surrogate recovery) may be used to assess performance of the method. Comments explaining any missing QC measurements are not intended to convey any adverse conclusions about the quality of the reported data.

Precision is reported as relative percent difference unless otherwise noted.

Quality Control codes as defined below may be used in this report to indicate results that are associated with one or more quality control elements which did not fall within established test method criteria. Such results may be qualified as estimates using a J qualifier as required by 62-160 F.A.C. Explanations are included in the report for any results that were reported as estimates for other reasons.

QC Codes used in this report may include:

- LCS – Recovery for the batch Laboratory Control Sample (LCS) was outside existing control limits;
- MS – Recovery for the batch matrix spike (MS) was outside existing control limits;
- CCV – Recovery for a continuing calibration verification (CCV) standard was outside existing control limits;
- SUR – Recovery of a surrogate (SUR) for associated analytes was outside existing control limits;
- RPD – The precision, measured as relative percent difference (RPD), of batch replicate measurements was outside existing control limits;
- RSD – The precision, measured as relative standard deviation (RSD), of batch replicate measurements was outside existing control limits;
- SMP – Sample - used precision derived from replicate analyses of a sample;

The following data qualifiers are used, where applicable, in this report as specified in 62-160 F.A.C.

- A - Value reported is the mean of two or more determinations.
- B - Results based on colony counts outside the acceptable range.
- I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J - Estimated value and/or the analysis did not meet established quality control criteria.
- K - Actual value is known to be less than value given.
- L - Actual value is known to be greater than value given.
- N - Presumptive evidence of presence of material.
- O - Sampled, but analysis lost or not performed.
- Q - Sample held beyond normal holding time.
- T - Value reported is less than the criterion of detection.
- U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.
- V - Analyte was detected in both sample and method blank.
- X - Too few individuals to calculate SCI value.
- Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
- Z - Colonies were too numerous to count (TNTC).

Quality control information from overflow laboratories may not be included in this report. Please refer to the associated report from the overflow laboratory for additional information.

Sample Location: Emerald Pointe Canal

Collection Date/Time: 11/17/2022 08:55

Field ID: G3SD0216

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2370770	SM 10200 H (mod.)	Chlorophyll-a, Corrected	11		ug/L	P422743	
		Phaeophytin-a	6.4		ug/L	P422743	
		Chlorophyll-a, Uncorrected	15		ug/L	P422743	
2370772	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	86		MPN/100 mL		

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

Sample Location: Bobcat Creek in Preserve East

Collection Date/Time: 11/17/2022 09:55

Field ID: G3SD0131

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2370773	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	169		MPN/100 mL		
2370787	SOP-PCR-1.0	HF183-qPCR**	3.3E+03	UJ	TSC/100 mL	P422421	SUR
	SOP-PCR-1.2	GULL2-qPCR**	3.6E+03	UJ	TSC/100 mL	P422421	MS
	SOP-PCR-1.3	GFD-qPCR**	1.2E+03	I	TSC/100 mL	P422421	
	SOP-PCR-1.4	BacR-qPCR**	3.0E+03	U	TSC/100 mL	P422421	
	SOP-PCR-1.5	DG3-qPCR**	2.6E+03	UJ	TSC/100 mL	P422421	SUR

Ref. Method and Comment:

SOP-PCR-1.0: Refer to the Lab Analysis Report for an explanation of QC Codes.

SOP-PCR-1.2: Refer to the Lab Analysis Report for an explanation of QC Codes.

SOP-PCR-1.5: Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: Runoff to Peace River Site 3

Collection Date/Time: 11/17/2022 10:20

Field ID: G3SD0132

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2370771	SOP-PCR-1.0	HF183-purified-qPCR**	1.1E+03	UJ	TSC/100 mL	P423407	LCS, SUR
	SOP-PCR-1.4	BacR-purified-qPCR**	2.8E+03	IJ	TSC/100 mL	P423407	LCS, SUR
	SOP-PCR-1.5	DG3-purified-qPCR**	860	UJ	TSC/100 mL	P423407	LCS, SUR
2370774	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	228		MPN/100 mL		

Ref. Method and Comment:

SOP-PCR-1.0: Precision data unavailable for HF183-purified-qPCR component. Refer to the Lab Analysis Report for an explanation of QC Codes.

SOP-PCR-1.4: Precision data unavailable for BacR-purified-qPCR component. Refer to the Lab Analysis Report for an explanation of QC Codes.

SOP-PCR-1.5: Precision data unavailable for DG3-purified-qPCR component. Refer to the Lab Analysis Report for an explanation of QC Codes.

Quality Assurance Report

Method Blank Results

Reference Method: SM 10200 H (mod.)

Batch ID: P422743

Component	Result	Code	Units
Chlorophyll-a, Corrected	0.82	U	ug/L
Chlorophyll-a, Uncorrected	0.60	U	ug/L
Phaeophytin-a	0.90	U	ug/L

Quality Assurance Report Method Blank Results

Reference Method: SOP-PCR-1.0
Batch ID: P422421

Component	Result	Code	Units
HF183-qPCR	3.3E+03	U	TSC/100 mL

Reference Method: SOP-PCR-1.0
Batch ID: P423407

Component	Result	Code	Units
HF183-purified-qPCR	550	U	TSC/100 mL

Reference Method: SOP-PCR-1.2
Batch ID: P422421

Component	Result	Code	Units
GULL2-qPCR	3.6E+03	U	TSC/100 mL

Reference Method: SOP-PCR-1.3
Batch ID: P422421

Component	Result	Code	Units
GFD-qPCR	720	U	TSC/100 mL

Reference Method: SOP-PCR-1.4
Batch ID: P422421

Component	Result	Code	Units
BacR-qPCR	3.0E+03	U	TSC/100 mL

Reference Method: SOP-PCR-1.4
Batch ID: P423407

Component	Result	Code	Units
BacR-purified-qPCR	510	U	TSC/100 mL

Reference Method: SOP-PCR-1.5
Batch ID: P422421

Component	Result	Code	Units
DG3-qPCR	2.6E+03	U	TSC/100 mL

Reference Method: SOP-PCR-1.5
Batch ID: P423407

Component	Result	Code	Units
DG3-purified-qPCR	430	U	TSC/100 mL

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 10200 H (mod.)
Batch ID: P422743

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
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Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: SM 10200 H (mod.)
Batch ID: P422743

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlorophyll-a, Corrected	99.0		P	84 - 116

Reference Method: SOP-PCR-1.0
Batch ID: P422421

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
HF183-qPCR	82.2	76.2	P/P	50 - 175

Reference Method: SOP-PCR-1.0
Batch ID: P423407

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
HF183-purified-qPCR	111	3.69	P/F	50 - 175

Reference Method: SOP-PCR-1.2
Batch ID: P422421

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
GULL2-qPCR	109	80.3	P/P	50 - 300

Reference Method: SOP-PCR-1.3
Batch ID: P422421

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
GFD-qPCR	91.6	78.8	P/P	50 - 175

Reference Method: SOP-PCR-1.4
Batch ID: P422421

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
BacR-qPCR	97.0	99.6	P/P	50 - 175

Reference Method: SOP-PCR-1.4
Batch ID: P423407

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
BacR-purified-qPCR	99.9	1.66	P/F	50 - 175

Reference Method: SOP-PCR-1.5
Batch ID: P422421

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
DG3-qPCR	102	95.1	P/P	50 - 175

Reference Method: SOP-PCR-1.5
Batch ID: P423407

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
DG3-purified-qPCR	108	1.85	P/F	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.0

Batch ID: P422421

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2369950	HF183-qPCR	103		P	50 - 175
2370787	HF183-qPCR	89.8		P	50 - 175
2370838	HF183-qPCR	91.4		P	50 - 175
2371227	HF183-qPCR	95.7		P	50 - 175
2371228	HF183-qPCR	87.1		P	50 - 175
2371229	HF183-qPCR	89.8		P	50 - 175
2371230	HF183-qPCR	77.9		P	50 - 175
2371231	HF183-qPCR	84.3		P	50 - 175
2371232	HF183-qPCR	83.3		P	50 - 175
2371500	HF183-qPCR	82.7		P	50 - 175
2371604	HF183-qPCR	83.6		P	50 - 175
2371609	HF183-qPCR	82.5		P	50 - 175
2371610	HF183-qPCR	81.9	91.9	P/P	50 - 175

Reference Method: SOP-PCR-1.0

Batch ID: P423407

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2370771	HF183-purified-qPCR	103		P	50 - 175
2370961	HF183-purified-qPCR	103		P	50 - 175
2371766	HF183-purified-qPCR	94.3		P	50 - 175
2372420	HF183-purified-qPCR	98.4		P	50 - 175
2373386	HF183-purified-qPCR	98.7		P	50 - 175

Reference Method: SOP-PCR-1.2

Batch ID: P422421

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2369950	GULL2-qPCR	93.9		P	50 - 300
2370787	GULL2-qPCR	43.3		F	50 - 300
2370838	GULL2-qPCR	103		P	50 - 300
2371227	GULL2-qPCR	90.9		P	50 - 300
2371228	GULL2-qPCR	89.3		P	50 - 300
2371229	GULL2-qPCR	92.4		P	50 - 300
2371230	GULL2-qPCR	57.8		P	50 - 300
2371231	GULL2-qPCR	77.5		P	50 - 300
2371232	GULL2-qPCR	82.1		P	50 - 300
2371500	GULL2-qPCR	74.9		P	50 - 300
2371604	GULL2-qPCR	79.0		P	50 - 300
2371609	GULL2-qPCR	90.6		P	50 - 300
2371610	GULL2-qPCR	93.2	87.1	P/P	50 - 300

Reference Method: SOP-PCR-1.3

Batch ID: P422421

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2369950	GFD-qPCR	111		P	50 - 175
2370787	GFD-qPCR	99.9		P	50 - 175
2370838	GFD-qPCR	105		P	50 - 175
2371227	GFD-qPCR	118		P	50 - 175
2371228	GFD-qPCR	109		P	50 - 175
2371229	GFD-qPCR	107		P	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.3

Batch ID: P422421

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2371230	GFD-qPCR	84.9		P	50 - 175
2371231	GFD-qPCR	104		P	50 - 175
2371232	GFD-qPCR	104		P	50 - 175
2371500	GFD-qPCR	101		P	50 - 175
2371604	GFD-qPCR	96.6		P	50 - 175
2371609	GFD-qPCR	109		P	50 - 175
2371610	GFD-qPCR	106	109	P/P	50 - 175

Reference Method: SOP-PCR-1.4

Batch ID: P422421

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2370787	BacR-qPCR	77.1		P	50 - 175
2370838	BacR-qPCR	91.2		P	50 - 175
2371500	BacR-qPCR	78.5		P	50 - 175
2371604	BacR-qPCR	88.1		P	50 - 175
2371609	BacR-qPCR	83.1		P	50 - 175
2371610	BacR-qPCR	79.5	79.8	P/P	50 - 175

Reference Method: SOP-PCR-1.4

Batch ID: P423407

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2370771	BacR-purified-qPCR	105		P	50 - 175
2370961	BacR-purified-qPCR	102		P	50 - 175
2371766	BacR-purified-qPCR	94.5		P	50 - 175
2372420	BacR-purified-qPCR	88.3		P	50 - 175
2373386	BacR-purified-qPCR	87.5		P	50 - 175

Reference Method: SOP-PCR-1.5

Batch ID: P422421

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2369950	DG3-qPCR	95.8		P	50 - 175
2370787	DG3-qPCR	68.0		P	50 - 175
2370838	DG3-qPCR	94.6		P	50 - 175
2371227	DG3-qPCR	102		P	50 - 175
2371228	DG3-qPCR	93.9		P	50 - 175
2371229	DG3-qPCR	144		P	50 - 175
2371230	DG3-qPCR	85.3		P	50 - 175
2371231	DG3-qPCR	94.4		P	50 - 175
2371232	DG3-qPCR	92.4		P	50 - 175
2371500	DG3-qPCR	85.5		P	50 - 175
2371604	DG3-qPCR	92.7		P	50 - 175
2371609	DG3-qPCR	92.5		P	50 - 175
2371610	DG3-qPCR	89.6	87.4	P/P	50 - 175

Reference Method: SOP-PCR-1.5

Batch ID: P423407

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2370771	DG3-purified-qPCR	101		P	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.5
Batch ID: P423407

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2370961	DG3-purified-qPCR	107		P	50 - 175
2371766	DG3-purified-qPCR	105		P	50 - 175
2372420	DG3-purified-qPCR	108		P	50 - 175
2373386	DG3-purified-qPCR	109		P	50 - 175

Quality Assurance Report Precision

Reference Method: SM 10200 H (mod.)
Batch ID: P422743

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2370791	Chlorophyll-a, Corrected	0.273	Sample	P	0 - 25
2370791	Chlorophyll-a, Uncorrected	0.259	Sample	P	0 - 25

Reference Method: SOP-PCR-1.0
Batch ID: P422421

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2371610	HF183-qPCR	11.5	Spike	P	0 - 25

Reference Method: SOP-PCR-1.2
Batch ID: P422421

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2371610	GULL2-qPCR	6.77	Spike	P	0 - 25

Reference Method: SOP-PCR-1.3
Batch ID: P422421

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2371610	GFD-qPCR	3.06	Spike	P	0 - 25

Reference Method: SOP-PCR-1.4
Batch ID: P422421

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2371610	BacR-qPCR	0.355	Spike	P	0 - 25

Reference Method: SOP-PCR-1.5
Batch ID: P422421

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2371610	DG3-qPCR	2.47	Spike	P	0 - 25

Quality Assurance Report Precision

* Sample, spike and/or laboratory control sample precision (LCS) is reported.

Quality Assurance Report Surrogates

Lab Sample ID: 2370771
 Field Sample ID: G3SD0132

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	8.24	F	50 - 300
SOP-PCR-1.4	SKETA-qPCR	9.78	F	30 - 300
SOP-PCR-1.5	SKETA-qPCR	8.60	F	50 - 300

Lab Sample ID: 2370787
 Field Sample ID: G3SD0131

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	48.5	F	50 - 300
SOP-PCR-1.2	SKETA-qPCR	86.8	P	50 - 300
SOP-PCR-1.3	SKETA-qPCR	78.0	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	90.9	P	50 - 300
SOP-PCR-1.5	SKETA-qPCR	48.5	F	50 - 300

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery		MS % Recovery			LCS	Precision SMP	MS
SM 10200 H (mod.)	Chlorophyll-a, Corrected	99.0						0.273	
	Chlorophyll-a, Uncorrected							0.259	
SOP-PCR-1.0	HF183-purified-qPCR	3.69	111	103	103	94.3			
				98.4					
	HF183-qPCR	76.2	82.2	103	89.8	91.4			11.5
				95.7					
SOP-PCR-1.2	GULL2-qPCR	80.3	109	93.9	43.3	103			6.77
				90.9					
SOP-PCR-1.3	GFD-qPCR	78.8	91.6	104	111	99.9			3.06
				105					
SOP-PCR-1.4	BacR-purified-qPCR	1.66	99.9	105	102	94.5			
				88.3					
	BacR-qPCR	99.6	97.0	77.1	91.2	78.5			0.355
				88.1					
SOP-PCR-1.5	DG3-purified-qPCR	1.85	108	101	107	105			
				108					
	DG3-qPCR	95.1	102	95.8	68.0	94.6			2.47
				102					

Reference Method Descriptions

Method	Description	Associated Samples
SM 10200 H (mod.)	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	2370770
SM 9223 Quanti-Tray	E. coli by Colilert/QT by BEA South in North Port	2370772, 2370773, 2370774
SOP-PCR-1.0	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction	2370771

Reference Method Descriptions

Method	Description	<u>Associated Samples</u>
SOP-PCR-1.0	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction	2370787
SOP-PCR-1.2	Detection and quantification of coastal bird specific Catellicoccus marimammalium Gull2 genetic marker with quantitative polymerase chain reaction	2370787
SOP-PCR-1.3	Detection and quantification of bird specific Helicobacter GFD genetic marker with quantitative polymerase chain reaction	2370787
SOP-PCR-1.4	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction	2370771
SOP-PCR-1.4	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction	2370787
SOP-PCR-1.5	Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction	2370771
SOP-PCR-1.5	Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction	2370787

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
SM 10200 H (mod.)	11/18/2022	11/18/2022 14:56	Aidan Cronin	11/22/2022 09:59	Megan Higbee	2370770
SM 9223 Quanti-Tray	11/17/2022	11/17/2022 15:41		11/18/2022 15:54	Benchmark EnviroAnalytical in North Port	2370772, 2370773, 2370774
SOP-PCR-1.0	11/18/2022	11/18/2022 13:45	Claudia Castro	12/02/2022 08:41	DeAsia Armster	2370787
	11/18/2022	11/18/2022 13:45	DeAsia Armster	12/14/2022 14:19	Roberta Tatti	2370771
SOP-PCR-1.2	11/18/2022	11/18/2022 13:45	Claudia Castro	12/05/2022 09:30	DeAsia Armster	2370787
SOP-PCR-1.3	11/18/2022	11/18/2022 13:45	Claudia Castro	12/05/2022 13:35	DeAsia Armster	2370787
SOP-PCR-1.4	11/18/2022	11/18/2022 13:45	Claudia Castro	12/02/2022 11:04	Roberta Tatti	2370787
	11/18/2022	11/18/2022 13:45	DeAsia Armster	12/15/2022 08:44	DeAsia Armster	2370771
SOP-PCR-1.5	11/18/2022	11/18/2022 13:45	Claudia Castro	12/02/2022 12:06	Roberta Tatti	2370787
	11/18/2022	11/18/2022 13:45	DeAsia Armster	12/15/2022 12:12	Roberta Tatti	2370771